

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Multiplying Monomials****Simplify each expression.**

1)  $12 y^2 z^3 \times (-y^2 z)$

2)  $3 p^2 q^4 \times (-2 p q^3) =$

3)  $4 p q^3 \times (-2 p^4 q)$

4)  $2 x y^2 z \times 4 z^2$

5)  $(-2 p^7) \times (-3 p^2) =$

6)  $4 u^9 \times (-2 u^3) =$

7)  $2 x^4 y z^3 \times 3 x^2 y^4 z^2 =$

8)  $4 u^5 v^2 \times (-8 u^3 v^2) =$

9)  $8 s^4 t^2 \times s t^5$

10)  $4 u^3 \times (-2 u)$



1)  $12 y^2 z^3 \times (-y^2 z)$

$-12 y^4 z^4$

2)  $3 p^2 q^4 \times (-2 p q^3) =$

$-6 p^3 q^7$

3)  $4 p q^3 \times (-2 p^4 q)$

$-8 p^5 q^4$

4)  $2 x y^2 z \times 4 z^2$

$8 x y^2 z^3$

5)  $(-2 p^7) \times (-3 p^2) =$

$6 p^9$

6)  $4 u^9 \times (-2 u^3) =$

$-8 u^{12}$

7)  $2 x^4 y z^3 \times 3 x^2 y^4 z^2 =$

$6 x^6 y^5 z^5$

8)  $4 u^5 v^2 \times (-8 u^3 v^2) =$

$-32 u^8 v^4$

9)  $8 s^4 t^2 \times s t^5$

$8 s^5 t^7$

10)  $4 u^3 \times (-2 u)$

$-8 u^4$